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DIV. OF AG. RESOURCES

FOR LAYBY USE IN CARROTS GROWN FOR SEED PRODUCTION

OBSERVE ALL PRECAUTIONARY STATEMENTS, MIXING INSTRUCTIONS, AND ROTATIONAL CROP RESTRICTIONS IN THE HELENA® PENDIMETHALIN LABEL BEFORE USING.

MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TENNESSEE 38017

#### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Uniformly apply **HELENA® PENDIMETHALIN** with properly calibrated ground equipment in 10 to 40 gallons of water per acre. Use sprayers equipped with nozzles that provide accurate and uniform application. **DO NOT** apply this product through any type of irrigation system.

#### APPLICATIONS AT LAST CULTIVATION (LAYBY)

**HELENA® PENDIMETHALIN** herbicide controls most annual grasses and certain broadleaf weeds as they germinate, but it will not control established weeds. Unusually cold, excessively wet, or hot and dry conditions that delay germination or extend it over a long period of time may reduce weed control.

**HELENA® PENDIMETHALIN** may be applied following the last normal cultivation (layby), at a rate of 1.2 to 4.9 pints per acre (broadcast basis) as a directed spray. **HELENA® PENDIMETHALIN** will not control established weeds. **DESTROY EXISTING WEEDS PRIOR TO APPLICATION.** Apply **HELENA® PENDIMETHALIN** directly to the soil between rows. The spray should not contact carrot plants. Use protective shields to avoid contact with carrot foliage.

Layby applications can be applied in carrots previously treated with herbicides registered for use in carrots. Consult the labels of those herbicide for suggested treatments, rates to be used, and precautions or restrictions, for use in carrots and for follow crop restrictions.

**HELENA® PENDIMETHALIN** is most effective in controlling weeds when adequate rainfall or irrigation is received within 7 days after application. There must be an interval of at least 60 days between **HELENA® PENDIMETHALIN** application and carrot seed harvest.

**DO NOT APPLY AS A BROADCAST SPRAY OVER TOP OF CARROTS, OR CROP INJURY MAY RESULT.**

**DO NOT** feed or graze carrots following **HELENA® PENDIMETHALIN** application. **DO NOT** use screenings from seed processing as feed for livestock. **DO NOT** harvest carrots from treated areas for food or feed. Processed seed must be labeled "Not for human or animal consumption" at the processing plant. All carrot seed screenings must be disposed of in such a way that they cannot be distributed or used for food or feed.

**DO NOT** plant winter wheat or winter barley in the following **HELENA® PENDIMETHALIN** application at rates above 3.6 pints per acre.

**HELENA® PENDIMETHALIN** applied at a rate of 1.2 to 4.9 pints per acre prior to weed emergence will control the following weeds:

## GRASSES

Barnyardgrass (*Echinochloa crus-galli*)  
Witchgrass (*Panicum capillare*)  
Crabgrass (*Digitaria* spp.)  
Crowfootgrass (*Dactyloctenium aegyptium*)  
Fall panicum (*Panicum dichotomiflorum*)  
Field sandbur (*Cenchrus incertus*)  
Foxtail (giant) (*Setaria faberi*)  
Foxtail (green) (*Setaria viridis*)  
Foxtail (yellow) (*Setaria lutescens*)  
Goosegrass (*Eleusine indica*)  
Johnsongrass (from seed) (*Sorghum halepense*)  
Signalgrass (*Brachiaria platyphylla*)  
Texas panicum (*Panicum texanum*)

\*Use 3.6 to 4.9 pints per acre to control dodder.

## BROADLEAF WEEDS

Carpetweed (*Mollugo verticillata*)  
Dodder (*Cuscuta* spp.)\*  
Florida pusley (*Richardia scabra*)  
Kochia (*Kochia scoparia*)  
Lambsquarter (*Chenopodium album*)  
Pigweed (*Amaranthus* spp.)  
Purslane (*Portulaca oleracea*)  
Spurge, annual (*Euphorbia* spp.)

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**DO NOT USE** on peat or muck soils.

**NOTE:** If loss of carrot stand occurs due to adverse weather conditions, any crop registered for **HELENA® PENDIMETHALIN** preplant incorporated use can be replanted the same year into **HELENA® PENDIMETHALIN** treated soil without adverse effects. If replanting is necessary, a light reworking of the soil will retain the herbicidal activity of **HELENA® PENDIMETHALIN**.

This label must be in the possession of the user at the time of herbicide application.